

ST⁴STEM



Not your average
ONLINE COURSE!

Welcome to the ST4STEM Project!

The Student and Teacher Technology Transformation Teams (ST4) Project is funded by a National Science Foundation Grant and administered by the Maricopa Community Colleges.

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Join Us for an Innovative Open Content Course! (It's Free!)

Career and Technical Education 230:
Educational Technology
(January 15 - May 9, 2013)

Are you interested in learning more about technology integration? Design-based learning and instruction? Transforming how you teach? If so, spend the semester with us!

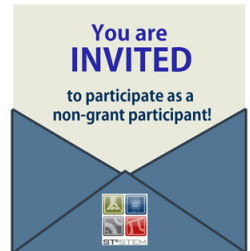
Please join us this spring for our open content course! **WHAT does that mean?** It means that the course content is open to the public, so that any teacher, anywhere, can participate...for free! While you will NOT receive benefits associated with the ST4STEM grant, you WILL benefit greatly from the activities, resources, networking and experiences that come with participation. Non-grant participants who finish the course receive a certificate of completion!

This course has been designed to help you transform your teaching. You will learn how to use information communications technologies to support STEM activities in your classroom, and increase the ability for you and your students to collaboratively learn and apply STEM skills using these technologies. You will leave the course with learning labs and activities specific to your content area that utilize the engineering design process and technology!

***This is NOT your typical online course!
It's FUN, USEFUL and UNIQUE!***

Course Schedule

This course is fully
online, and fully free!
January 15 - May 9,
2013.



Course Objectives

- Identify information and communication technology (ICT) tools and applications for CTE courses
- Crosswalk CTE standards and common core standards pertaining to implementation of technology in CTE courses
- Create and assess design-based learning activities for students
- List best practices for guiding students as they work through design-based learning activities
- Identify ICT tools/applications to be used for connecting students to STEM professions
- Complete a design-based lesson and implement with students
- Develop a blog and professional network that will extend beyond completed course requirements
- Establish connections with CTE teachers for collaborative professional work and student activities

Register Now!

Please register as a "non-grant participant" by visiting <http://st4stem.com> and selecting Open Content Course. Registration deadline is January 10, 2013. Questions? Please contact us at st4stem@gmail.com.



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<http://st4stem.com>

